

Docket No. BIO5020NP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Yaron Keidar

Serial No. : 10/623,894

Art Unit: 1732

Filed : July 21, 2003

Examiner:

For : Ablation Device with Spiral Array Ultrasound
Transducer

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United States Postal Service as first class mail in an envelope addressed
to: Commissioner For Patents, BOX RCB, P.O. Box 1450, Alexandria, VA 22313-1450 on

December 8, 2005

(Date of Deposit)

Vincent J. Serrao

(Name of applicant, assignee, or Registered Representative)

/Vincent J. Serrao/

Vincent J. Serrao, Reg. # 47,072

(Signature)

December 8, 2005

(Date of Signature)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. §1.56(b).

Applicant(s) reserve(s) the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this

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information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist.

☐ In accordance with §1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified national application (other than a continued prosecution application under §1.53(d)), within three months of the date of entry into the national stage of the above identified application as set forth in §1.491, or before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of a request for continued examination under §1.114, no additional fee is required.

☐ In accordance with §1.129(a), this Information Disclosure Statement is being filed in connection with ☐ the first or ☐ second After Final Submission, therefore:

☐ Statement in Accordance with §1.97(e)
(attached); or

☐ Please charge Deposit Account No. 10-
0750/ / the fee of \$180.00 as set forth
in §1.17(p).

☒ In accordance with §1.97(c), this Information Disclosure Statement is being filed after the period set forth in §1.97(b) above but before the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311, or an action that otherwise closes prosecution and that it is accompanied by one of:

- ☒ Statement in Accordance with §1.97(e)
(attached); or
- ☒ Please charge Deposit Account No. 10-0750/BOP-5020NP/VJS the fee of \$180.00 as set forth in §1.17(p).

☐ In accordance with §1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311 but before the payment of the Issue Fee. Applicant(s) hereby petition(s) for consideration of this Information Disclosure Statement. Included are: Statement in Accordance with §1.97(e) as set forth below and the fee of \$180.00 as set forth in §1.17(p).

☐ Copies of each of the references listed on the attached Form PTO-1449 are enclosed herewith.

☐ Copies of references listed on the attached Form PTO-1449 are enclosed herewith EXCEPT THAT:

☐ In view of the voluminous nature of references [list as appropriate], and the likelihood that these references are available to the Examiner, copies are not enclosed herewith.

☐ If any of the foregoing publications are not available to the Examiner, Applicant will endeavor to supply copies at the Examiner's request.

☒ Copies of only foreign patent documents and non-patent literature are enclosed in accordance with 37 CFR 1.98 (a) (2).

☐ There are no listed references which are not in the English language.

☒ The relevance of those listed references which are not in the English language is as follows: JP406120062A and DE19814697C1

☒ Attached are copies of search report(s) from corresponding patent application(s), which are listed on the attached Submission Under MPEP 609 D.

☐ Attached are the following non-published pending patent applications which may be deemed relevant, which are listed on the attached Submission Under MPEP 609 D.

Please charge any deficiency or credit any overpayment to Deposit Account No. 10-0750/BIO5020NP/VJS. This form is submitted in triplicate.

Respectfully submitted,

/Vincent J. Serrao/
Vincent J. Serrao, Reg. # 47,072
Attorney for Applicants.

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One Johnson & Johnson Plaza
New Brunswick, NJ 08933-7003
(732) 524-1163
DATED: December 8, 2005



Docket No. BIO 5020 NP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Yaron Keidar

Serial No. : 10/623,894

Art Unit: 1732

Filed : July 21, 2003

Examiner: Lisa L. Herring

For : Method for Making a Spiral Array Ultrasound Transducer

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(Name of applicant, assignee, or Registered Representative)

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Vincent J. Serrao, Reg. # 47,072

(Signature)

December 8, 2005

(Date of Signature)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

STATEMENT UNDER 37 C.F.R. §1.97(e)

In accordance with 37 C.F.R. §1.97(e), certification is hereby made that:

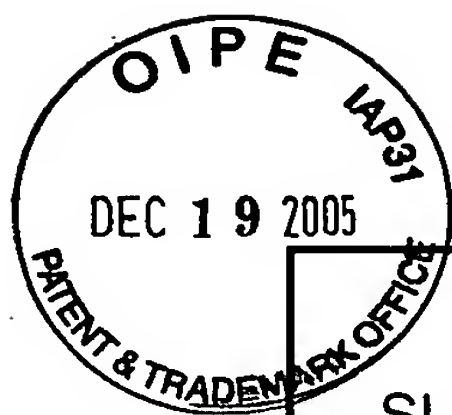
☒ Each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Information Disclosure Statement; or

☐ No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign

patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this Information Disclosure Statement, was known to any individual designated in §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

/Vincent J. Serrao/
Vincent J. Serrao, Reg. # 47,072
Attorney for Applicant's

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New Brunswick, NJ 08933-7003
(732) 524-1163
DATED: December 8, 2005



SUBMISSION UNDER MPEP 609 D

Page 1 of 1

| | |
|------------------------|-----------------|
| Application Number | 10/623,894 |
| Filing Date | July 21, 2003 |
| First Named Inventor | Yaron Keidar |
| Group Art Unit | 1732 |
| Examiner Name | Lisa L. Herring |
| Attorney Docket Number | BIO 5020 NP |

U.S. PATENT DOCUMENTS

| Examiner Initials | Cite No. ¹ | Name of Patentee or Applicant of Cited Document | U.S. Patent Document | | Pages, Columns, Lines, where relevant passages or relevant figures appear |
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| | | | Number | Kind Code ² (if known) | |
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| | | | Office ³ | Number ⁴ | KindCode ⁵ | | |
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

| Examiner's Initials* | Cite No. ¹ | Include name of the author (in CAPITOL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published | T ² |
|-------------------------|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| | | International Search Report dated July 20, 2005 for corresponding Appln. No. PCT/US04/23332 | |
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| Examiner Signature | Date Considered |
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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 6

| | |
|-------------------------------|---------------|
| <i>Application Number</i> | 10/623,894 |
| <i>Filing Date</i> | July 21, 2003 |
| <i>First Named Inventor</i> | Yaron Keidar |
| <i>Group Art Unit</i> | 1732 |
| <i>Examiner Name</i> | |
| <i>Attorney Docket Number</i> | BIO-5020NP |

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| | | Number | Kind Code ² (if known) | | | |
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|----------------------|--------------------------|----------------------------------------------|---------------------|----|-------------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------------------------------|----------------|
| | | Office ³ KindCode ⁵ | Number ⁴ | | | | | |
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|-----------------------|--|--------------------|--|
| Examiner Signature | | Date Considered | |
|-----------------------|--|--------------------|--|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 2 of 6

| | |
|-------------------------------|---------------|
| Application Number | 10/623,894 |
| Filing Date | July 21, 2003 |
| First Named Inventor | Yaron Keidar |
| Group Art Unit | 1732 |
| Examiner Name | |
| Attorney Docket Number | BIO-5020NP |

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|----------------------|--------------------------|----------------------------------------------|---------------------|----|-------------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------------------------------|----------------|
| | | Office ³ KindCode ⁵ | Number ⁴ | | | | | |
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| | | | |
|-----------------------|--|--------------------|--|
| Examiner Signature | | Date Considered | |
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**INFORMATION DISCLOSURE
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Sheet 3 of 6

| | |
|-------------------------------|---------------|
| <i>Application Number</i> | 10/623,894 |
| <i>Filing Date</i> | July 21, 2003 |
| <i>First Named Inventor</i> | Yaron Keidar |
| <i>Group Art Unit</i> | 1732 |
| <i>Examiner Name</i> | |
| <i>Attorney Docket Number</i> | BIO-5020NP |

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| | | Office ³ KindCode ⁵ | Number ⁴ | | | | | |
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Sheet 4 of 6

| | |
|-------------------------------|---------------|
| Application Number | 10/623,894 |
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| Group Art Unit | 1732 |
| Examiner Name | |
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| | | Office ³ | Number ⁴ | KindCode ⁵ | | | | |
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**INFORMATION DISCLOSURE
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(use as many sheets as necessary)

Sheet 5 of 6

| | |
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| Application Number | 10/623,894 |
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| | | Number | Kind Code ² (if known) | | | |
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| | | Office ³ | Number ⁴ | KindCode ⁵ | | | | |
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Sheet 6 of 6

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| <i>Group Art Unit</i> | 1732 |
| <i>Examiner Name</i> | |
| <i>Attorney Docket Number</i> | BIO-5020NP |

| OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS | | | |
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| | | "Percutaneous Laser Balloon Coagulation of Accessory Pathways" by Linda P. McMath, et al., Proceedings of Diagnostic and Therapeutic Cardiovascular Interventions, pp 165-171, January 20-22, 1991. | |
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| | | "Induction of Hyperthermia Using an Intracavitary Multielement Ultrasonic Applicator", by Chris I. Diederich and Kullervo Hynynen, Transactions on Biomedical Engineering, Vol. 36, No. 4, pp 432-438, April, 1989. | |
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| | | "Nonpharmacologic Management, Catheter Ablation" Gerhard Hindricks, MD, et al., Current Management of Arrhythmias, pp 373-378, 1991. | |
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